



*Carolina
Country*
April 1978



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A Right and A Responsibility

A letter in the Mailbox column (Page 21) raises an important question regarding the position of North Carolina's electric cooperatives and *Carolina Country* favoring development of nuclear energy.

"You have no right," the writers declare, "to express such a powerful viewpoint on something so controversial."

On the contrary, the leaders of the Tar Heel rural electric program believe they have both the right and the responsibility to express a viewpoint on this issue. They are convinced that nuclear power must be developed if the nation is to avoid severe power shortages in the years ahead.

This viewpoint has evolved through the years, based on:

- The outstanding safety record of the nuclear industry — no member of the general public has been killed or injured as a result of the operation of a nuclear power plant.

- The advice of objective and knowledgeable technical experts who describe the risks associated with fission as minimal when weighed

against the benefits to be derived from it.

- The prospects for power shortages which could seriously disrupt the country's economy if additional nuclear power plants are not planned to fill the gap until technology is capable of tapping solar energy, fusion and other energy sources to produce electricity.

Obviously, there remain some legitimate areas of concern about nuclear power, but most experts in the field believe these will be satisfactorily resolved.

Editorials

The safety and environmental questions seem to be the focal points of much of the anti-nuclear sentiment being expressed by a vocal minority in this country. Certainly, there are safety and environmental risks involved in nuclear energy, but polls show that most Americans are willing to accept a certain amount of risk in order to have easy access to a plentiful supply of electric power.

More than 55,000 people are killed each year in automobile accidents and another 2,000 die in airplane crashes. Yet, most of us readily accept these risks and continue to use these forms of transportation. Balance these figures against the chances for someone being killed in a nuclear-related accident at a commercial power plant: about the same as the chances that he will be killed by a falling meteor.

It is an unfortunate fact of utility life that generating electricity — by its nature — involves some risks, whether

the energy source is uranium or fossil fuels.

The leaders of the rural electric program are acutely conscious of this since they've taken on the responsibility for seeing that the thousands of families who're served by the state's 28 EMCs have a reliable, economical supply of vital electricity.

With those families' growing energy needs in mind, these EMC managers and directors have carefully examined the nuclear energy issues and concluded that the risks and unresolved questions cannot outweigh the demonstrated merits of fission as a source of low-cost electric power to meet those needs. And they've exercised their constitutional right to express that viewpoint.


This philosophy has been reflected in EMC advertising and publications, including *Carolina Country*, the official voice of the statewide EMC organization.

The magazine publishes articles, essays and editorials on nuclear issues, always striving to see that they are based on sound, accurate scientific information. Some of this material has been straight, factual reporting, while some has been an expression of the pro-nuclear philosophy.

Meanwhile, in the interest of presenting an informative exchange of ideas, the magazine has also occasionally published letters espousing an anti-nuclear position.

In the coming months, we will continue using this approach on the controversial issues surrounding nuclear energy. We hope you'll be concerned enough about those issues — and the larger questions affecting our common energy future — to read and consider the points that are raised.

Passing Scene



- The Internal Revenue Service says if you accept a kickback or pay a bribe, you must report it on your income tax return. "Whether or not the money is derived from legitimate illegitimate sources, you owe taxes on it," said Henry Holmes, a spokesman for the IRS in Newark, N.J. He added that the taxpayer doesn't have to list the source of the kickback or bribe—since that could incriminate him.

Thanks, IRS, we needed that!

Carolina Country

Read Monthly in More Than 270,000 Homes
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Alton P. Wall — Executive Vice President & General Manager

Owen Bishop — Editor

Spencer Carter — Associate Editor

June M. Brotherton — Staff Writer

Milly Alford — Editorial Assistant

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COVER—H. D. Blake of Hampton, Va., snapped this view of Mattamuskeet Lodge on Lake Mattamuskeet at New Holland in Hyde County. The lodge, which was closed in the early 1970s after it became part of the Lake Mattamuskeet Wildlife Refuge area. It was originally built as a pumping station to pump the lake out so the land could be used for farming.



rural electric Notebook

EMCs MOSTLY RESIDENTIAL

The vast majority of the state's electric cooperative consumers are classified as residential, according to figures compiled by North Carolina EMC, the co-ops' statewide power supply organization. In 1976, 93.8 percent of the EMC consumer-members and 79.9 percent of the co-ops' kilowatt hour sales were to the residential class.

That same year, the co-ops averaged serving 6.8 consumers per mile of line, compared with about 20 consumers per mile of line for the investor-owned power companies. The EMC residential consumers were also well below the power company customers in average usage per consumer: EMCs, 788 kwh per month; Carolina Power and Light Co., 950 kwh per month; and Duke Power Co., 961 kwh per month.

CARTER SUPPORTS RUSSELL DAM

President Carter has recommended allocation of \$47 million to continue construction of the controversial Richard B. Russell Dam on the Savannah River along the South Carolina-Georgia border. Last year, Carter had included the dam on a list of federal projects that could be killed.

The dam, already under construction, will cost an estimated \$276 million, \$40 million of which had already been appropriated when the project was

re-evaluated by the Carter administration.

About 17 percent of the hydroelectric power from the dam will flow into North Carolina.

CONSERVATION PRIORITIES

Specialists at the North Carolina Agricultural Extension Service have developed a handy gauge for determining which appliances should get the most attention from homeowners who're trying to conserve energy.

Generally, they said, more than half of the total home energy use is from heating and cooling equipment. That's why adequate insulation and efficient use of this equipment will mean the most savings.

The next biggest user of energy is the water heater.

For most homes, the specialists noted all the energy used in a year's time by the electric clock, heating pad, hair dryer, blender, toothbrush, sun lamp, waffle iron, sewing machine, radio and vacuum cleaner does not amount to one-twentieth of the electricity used by the water heater in that same year.

The range, refrigerator and freezer are also significant consumers of electricity. And, lighting accounts for about 5 percent of the electric bill.

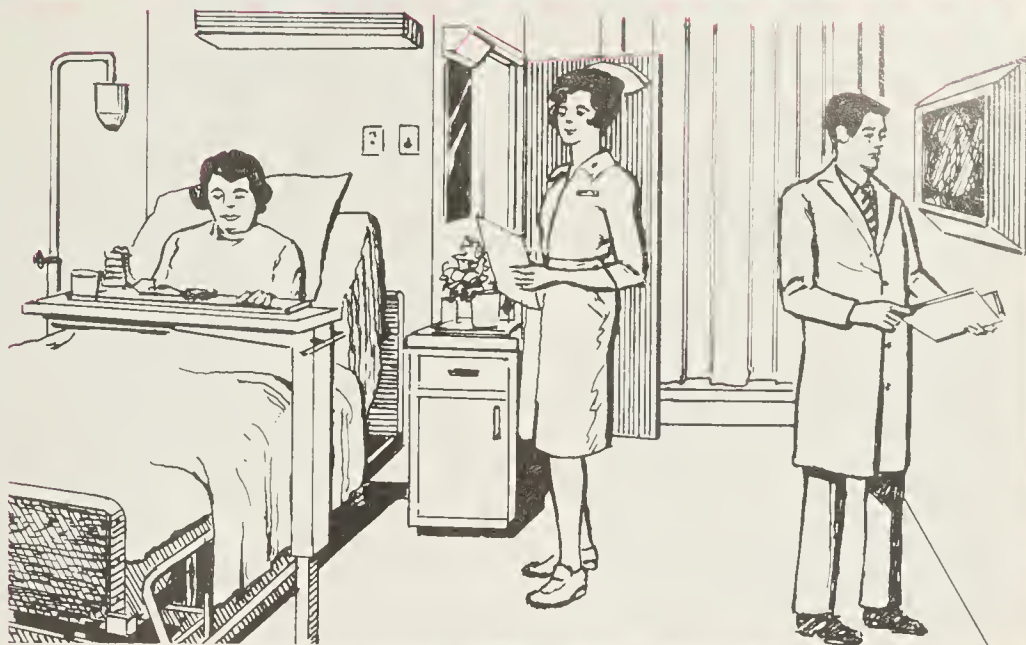
THIS COULD BE YOUR TOMORROW!

After all . . . someone in every three families in the United States will be hospitalized this year!

That someone could be your wife, your husband, your son, your daughter — or even you.

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“How Much Is That Doggie . . .?”

By Ellen Tinsley

The dog is such a common pet that most of us give little thought to the details of acquiring one as a companion. Perhaps your neighbor's dog has a litter, or a puppy in a pet shop catches your eye—and suddenly you have a new pet.

Just one pet represents a great deal of responsibility for you as an owner and for its breeder.

If you're planning to buy a dog, there are a few things you might keep in mind to assure that you have a healthy, lively dog and that the little creature will become a compatible member of your family.

Be Careful Where You Buy A Dog

Be careful about where you buy the dog. The best pets are breeders of registered dogs, reputable pet shops and the local humane society or other such organizations.

If you have no real desire for a pedigreed animal, the humane society is an excellent source of pups in need of a loving home. These societies are often hard pressed to place animals, making their task difficult and sometimes heartbreaking.

When animals are brought in, they are checked for physical defects and temperament. Only those dogs that show good health and an even disposition are offered for adoption.

If you have decided to take one of these homeless friends into your heart, do so with a definite objective

in mind: plan to have your new friend neutered. Any dog—whether a “Heinz 57” variety or a “well papered” pup—should be neutered if it is not suitable for breeding. Our world is getting crowded and if we humans want to continue to keep pets we must control their population growth.

If you are interested in a purebred animal, buy it directly from a breeder of that particular breed. Only a breeder can show you one or both of the parents of your prospective puppy. It is important to see at least one of the parents, for in that dog you'll be seeing adult traits, such as temperament, size and coat, that will likely show up in your dog later on.

You may find some disparity in prices between those charged by a breeder and those charged by a pet shop. The pet shops must buy their pets from breeders, too, and some mark-up is to be expected.

In addition, you may find a range of prices on the pups available from the breeder because some will be considered of championship quality as show dogs while others would simply make good pets.

If you buy from a pet shop, be sure to get a written statement that the dog can be returned if it turns out to be diseased.

Take Dog To Vet Right Away

Wherever you find your pooch, take him to a vet right away for a thorough physical examination and any shots that might be needed.

Once you've decided on the breed you feel will fit your lifestyle, check the newspaper ads and your vet's bulletin board. Talk to the president of a local dog or read one of the dog magazines. Look for breeders

Ellen Tinsley of Bridgeton is a free lance writer who has been breeding show dogs since 1969.

who raise no more than two or three breeds. With more than that, a breeder just does not have time to properly supervise and plan good breeding practices and he cannot show each animal the amount of attention it should have.

Telephone or write the breeder and explain that you would like to inspect a puppy or dog—and be sure to say whether you are interested in just a companion or a show dog or both. When you get ready to go see the puppies, there are several things to inquire about and to notice.

You want to meet at least one of the parents. Even temperament in the parents should mean a good disposition in your puppy when he is grown.

Take a look at the dog's quarters—see if they have fresh water, adequate shelter, room to exercise, and clean yards.

The breeder should provide you with a chart or notations of the puppy's wormings and shots. An unwormed, unimmunized animal is prone to illness and death—and that can mean a lot of heartbreak for you.

A Pedigree Doesn't Guarantee A Champion

Don't be overwhelmed by a pedigree full of red ink or filled with dogs whose names are preceded by the champion title.

Very few litters include more than one or two champions. All that that red ink means is that **those** ancestors were champions—it does not guarantee any title for your puppy.

Still, a pedigree does mean that your puppy will grow up to look like and act like other adults of its breed. A pedigree is a breeder's tool used as a guide to the possible characteristics of each generation of dogs that he painstakingly plans.

Don't forget to sign the registration papers while you are still with the breeder. A promise to mail you the papers is cause for hesitation on your part—the breeder should have the registration applications on file. If he doesn't have the papers, and you take the puppy anyway, those papers may get lost, may never be filed for, and your dog would be unusable for any breeding program you may be planning.

We Must Control Animal Population

Whether you fall in love with a puppy at the pound, or with the antics of a purebred dog—please keep one important fact in mind: animals and humans must share this planet. In my opinion, only those people who breed their dogs to preserve the breed's uniqueness should let their animals procreate. We can't provide homes for all the dogs being born each hour—so we must control the dog population. Otherwise, we must be responsible for the waste of thousands of animals lives each month.

If you want to know more about raising dogs, or caring for them, attend the meetings of a local dog club—there are many across North Carolina. You might also join a local humane society. The people in these organizations are always happy to share their knowledge with others.

Find out where and when and what the weather will be.

This year's EMC calendar of events not only lists and illustrates all the sure-fire shindigs in North Carolina, it also takes a crack at what the weather will be like. Send for your free copy today. You'll get a lot of fun out of our new calendar whether you go anywhere or not.

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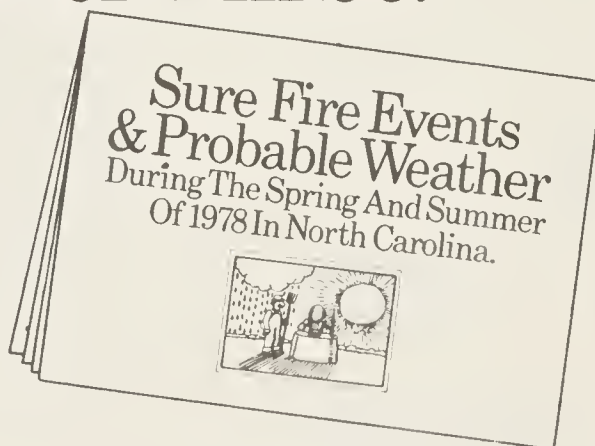
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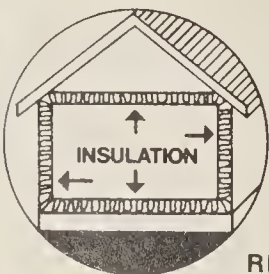


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People



A former Iredell County 4-H member has been named one of 12 young Americans from 11 states to participate in a three-month work-study exchange program with the Soviet Union. He is **David R. McAuley**, 22, son of Mr. and Mrs. George R. McAuley of Rt. 4, Statesville, who is a senior at N.C. State University. He will spend three months in Washington studying Russian language and culture before leaving for the Soviet Union this summer. While the Americans are visiting the Soviet Union, 12 Soviet agricultural specialists will be studying and working on American farms.



Three employees have been singled out for special leadership awards by the North Carolina Agricultural Extension Service. They are Union County Chairman **M.C. Howell, Jr.**, **L. Bynum Driggers**, an agricultural engineering specialist at N.C.S.U.; and **Dr. Fred**

Sobering, who was specialist-in-charge of extension economics at N.C.S.U. when the selection was made. Sobering, who is now associate director of the Kansas Agricultural Extension Service, was cited for his administrative skills; Howell, for his work with 4-H members and other youth on alcoholism awareness and prevention; and Driggers, for his work in livestock housing and waste management.

Willis Heads EMCs' JT&S Program

Art Willis, a consultant with the statewide Job Training and Safety program of the North Carolina Association of Electric Cooperatives, has been named director of the program.



The position was created recently in a reorganization of the association's JT&S division. Under the new plan, the program features a director and two field consultants to oversee training programs and safety standards in the state's 28 Electric Membership Corporations.

Willis joined the association in 1975. Earlier, he was employed by Carteret-Craven EMC, Morehead City, first as a meter reader and later as a draftsman and engineering aide.

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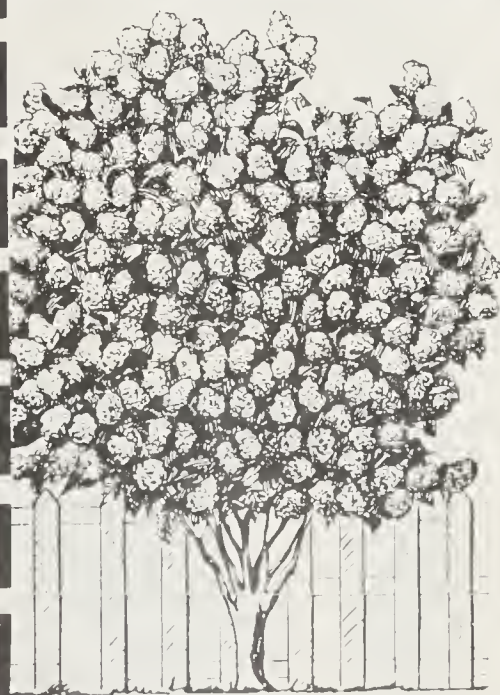


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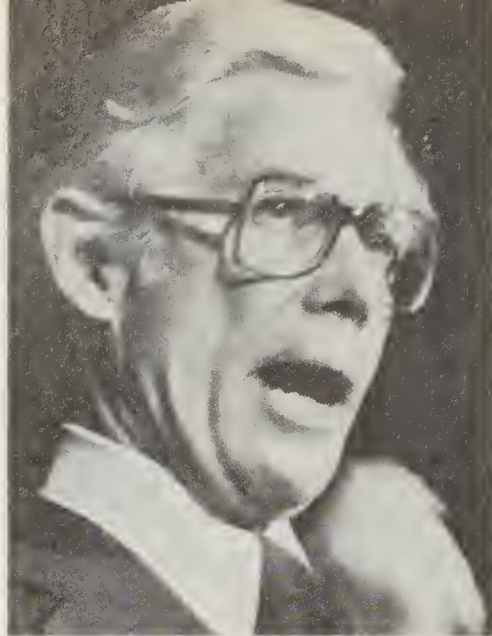
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U.S. Rep. John B. Anderson (R-Ill.)

U.S. Representative John B. Anderson (R-Ill.) set the tone of the 36th annual meeting of the National Rural Electric Cooperative Association when he said Americans behave like drunken sailors on shore leave in their energy habits.

The nation's energy crisis and how it is affecting the rural electric program was of paramount concern at the gathering of some 12,000 persons at the February meeting in Las Vegas.

Representatives of rural electric cooperatives in 46 states and several countries came to take part in business sessions, seminars, awards programs, and to hear noted speakers address the energy crisis and other issues.

In the keynote address, Anderson said a continuation of excessive energy use, and a failure of the nation to increase domestic production of nuclear power, oil, natural gas, and coal, will seriously jeopardize the nation's economy.

A ranking minority member of the House Energy Committee, the congressman said both the Carter administration and Congress share blame for the nation's failure to cope with energy problems.

"The Congress tried to rally the American people around the typical banners—patriotism, populism, technological wizardry. None of them have worked," Anderson said.

Anderson attacked President Carter for being "a hard-liner at a time when compromise and conciliation are desperately

Alice Wilson (second from left), of Edgecombe-Martin County EMC, represented Region I of NRECA's Women's Action Standing Committee meeting. Region I consists of Atlantic seaboard states from Maine to North Carolina.



National Meeting

Rural Electric Leaders Review Energy Issues

needed" to get an energy bill through Congress, and for a "hostile attitude" toward nuclear power. It was a mistake to shelve the Clinch River breeder reactor, he said. "I think they are gambling on the energy future of this country."

Very much concerned about the energy future of the nation, delegates to the annual meeting adopted 82 resolutions including eight which:

- Urged Congress to pass legislation to prevent "monopolistic control over the nation's energy supplies, require 'total

energy corporations' to divest themselves of competitive fuels and energy sources and restore competition among the several energy products."

- Commended the members of Congress who continue to aggressively support "adequate, reliable power" generation capacity independent of foreign energy supplies, including nuclear generation and the breeder reactor, in general, and the Clinch River Breeder Reactor Demonstration Project in particular.

- Opposed any cutbacks on water projects approved by



NRECA's Power and Water Resources Standing Committee held a working session. Cecil Viverette (second from left), manager of Blue Ridge EMC, represented Region I.

Congress and urged the President to restore funding for all authorized and previously funded projects.

- Opposed legislation which would require government agencies to provide funds to finance "so-called public interest groups who oppose projects requiring federal assistance or federal approval."

- Commended striking American Agricultural Movement farmers "for the manner in which they continue to conduct their campaign" and urged the Carter administration "to do whatever possible to bring about a more equitable economic picture for American agriculture."

- Commended Congress and the Carter administration for continuing to authorize an adequate insured loan program and urged that Rural Electrification Administration loan guarantees be maintained without charge or restriction.

- Called for creation of a federally owned energy corporation to develop oil, gas, uranium and coal resources on public lands as a means of bringing competition to the energy supply field and to provide a consumer "yardstick" for measuring prices.

- Urged Congressional action to streamline utility regulatory matters and eliminate the proliferation of federal regulatory bodies, pointing out that there are now 75 agencies employing 64,000 people.

Cited In Competition

EMCs, N.C.AEC Win 14 Awards In Member Relations Contest

The North Carolina Association of Electric Cooperatives and four Tar Heel Electric Membership Corporations have won a total of 14 national awards for member relations.

The electric cooperatives took eleven first place awards and three second place awards out of 21 categories and more than 350 entries in a competition sponsored by the National Rural Electric Cooperative Association.

Blue Ridge EMC, Lenoir, was the big winner with first place honors in Member Involvement Programs, Youth Programs, Employee Programs, Area Development Programs, Load Control and Energy Conservation and the Member Relations Work Plan. The mountain cooperative tied for first place with an Ohio electric co-op in the area of Research.

"Tips & Topics," a member services newsletter published by N.C.AEC was chosen the best publication of its type. N.C.AEC also took first place for statewide annual reports, and for an audio-visual on load management titled "There's More Than One Way To Kill A Watt."

Albemarle EMC, Hertford, won first place for its 1975 annual report

for systems under 6,500 members. Haywood EMC, Waynesville, took second place for Membership Handbooks and Lumbee River EMC, Red Springs, tied for second in Load Control and Energy Conservation with four other electric cooperatives. Four County EMC, Burgaw, took second place honors in Advertising.

All of the awards were presented at the 1978 Annual Meeting of NRECA at Las Vegas.



Spencer Carter of the N.C.AEC and Carolina Country staff, left, accepts an award from Gene Porter, president of the National Rural Electric Cooperative Association, during a ceremony at the NRECA Annual Meeting in Las Vegas. The ceremony recognized winners in the organization's National Member Relations Contest. N.C.AEC and four Tar Heel EMCs received a total of 14 awards.

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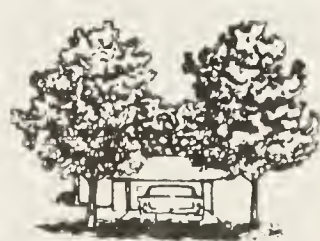
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Country Kitchen



SHRIMP MOLD

Having a party? Just having a few friends in—or maybe you're having a card party?

Mrs. Crow's recipe for a Shrimp Mold is just the item for your menu then. All you have to do is serve it and watch it disappear.

If you would like to share a recipe with this column, send it to: COUNTRY KITCHEN, P. O. Box 27306, Raleigh, N.C. 27611. We pay \$5 for published recipes.

Country Kitchen Recipe

Submitted by Mrs. A. B. Crow, Emerald Isle, N.C.

SHRIMP MOLD

- | | |
|-------------------------------------|-------------------------------|
| 1½ envelopes plain gelatin | Salt and pepper to taste |
| ½ c. cold water | 2 cans cooked, chopped shrimp |
| 1 can undiluted tomato soup, heated | 1 c. finely-chopped celery |
| 1-8 oz. pkg. cream cheese | ½ c. chopped onion |
| 1 c. mayonnaise | |

Dissolve the gelatin in the cold water. Blend in the heated tomato soup, cream cheese, mayonnaise, salt and pepper. Stir in shrimp, celery and onion. Pour the mixture into a 3½ cup mold. Refrigerate at least 3 hours.

Kitchens —

Which Shape Is Best For You?

What type of kitchen best suits your needs?

There are four basic floor plans—U-shaped, L-shaped, corridor and one-wall. Each of these plans has variations caused by door and window locations, but nevertheless, each basic shape retains its essential advantages.

The U-shaped kitchen functions efficiently, adapting easily to energy-saving work patterns and, when properly designed, affords ample counter and storage space. To be effective, however, a U-shape requires enough space so that all major work centers function well. It is often used in connection with a breakfast area or a part of the family room, with one arm of the "U" serving as a room-dividing, traffic-controlling peninsula.

careful planning, this can be eliminated.

While the two-wall kitchen utilizes all its space, very often it is arranged with too-narrow aisle or insufficient space between appliances. This results in unsafe or uncomfortable work patterns for the homemaker; open appliance doors can too easily block the aisle. The minimum aisle should be 48 inches wide for comfort and safety.

The one-wall kitchen is generally seen in efficiency apartments and summer homes, but can be adapted to other situations. It is a real space-saver since everything is within easy reach of the homemaker. The one-wall kitchen is adaptable to many types of main kitchen situations such as the "open" plan arrangements that have become

Easy Living



The popular L-shaped kitchen utilizes two walls and allows great flexibility in the placement of appliances and storage areas. The "L" arrangement allows space for a breakfast area. However, when the kitchen is the only dining area in the living unit, the "L" shape doesn't permit the desirable separation of the dining and kitchen facilities.

The corridor arrangement is a favorite because it's economical to install, and it adapts readily to efficient work patterns. Often, part of one side is used as a snack bar or room divider. The corridor kitchen sometimes has a door at each end, which introduces casual traffic to the work triangle area. With

more and more popular in modern homes where the answer to cost control is the combining of living spaces. Its main drawback is inadequate countertop space.

With each of these four shapes, one basic rule must be followed—the major appliances and the sink must have adequate counter space available and suited to the function of each work area. An average kitchen holds 85 to 110 utensils, electric housewares and miscellaneous items, so adequate storage space is a must for uncluttered kitchen efficiency. And when adequate storage is provided, it will lead logically to ample work counters in the right places.

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EMCs Move To Avoid Power Shortages

North Carolina's electric cooperatives are moving to acquire their own generating facilities in part because of concern that the state's private power companies will experience power shortages in the near future, an official of the North Carolina Association of Electric Cooperatives testified before the State Utilities Commission.

Alton P. Wall, executive vice president and general manager of N.C.AEC, told the commission there is a "real risk" of such shortages, possibly as early as 1979, if the loads of Carolina Power and Light Co., Duke Power Co. and Virginia Electric and Power Co. "grow at a rate faster than that on which the present construction schedules (for new generating plants) are based or if there are unanticipated delays in the completion of units now under construction."

He added: "Based on these concerns, we feel that we can best

assure reliability of power supply to co-op consumer-members by making every effort to provide for our own growth. At the present time, we are concluding negotiations for the purchase of a portion of VEPCO's Surry and North Anna nuclear units. We are negotiating with First Colony Farms for the purchase of peat for fossil-fuel generation."

Wall said the EMCs would also like to "enter into joint-ownership ventures with Duke and CP&L, provided that there are advantages for both parties, and we think that our resources could be of benefit to their expansion program."

Wall testified before the commission in February as part of the state agency's load forecasting hearings, which were held to give the commission an overview of the power companies' plans for growth in the years ahead.

Although the EMCs are not under the commission's jurisdiction, except for reliability of

service, its representatives appeared at the hearing to keep the agency abreast of the plans for acquiring independent generating facilities.

Virtually all of the EMCs' power is purchased from the investor-owned utilities at bulk rates for resale to co-op consumer-members at cost.

Also testifying for the EMCs were Patricia Lloyd Williams, staff engineer for N.C.EMC, the co-ops' power supply organization; and Gerry Stephens of the Rural Electrification Administration.

Ms. Williams outlined projected growth for the state's EMC loads, saying they should grow by about 8.7 percent annually in both demand and energy requirements during the next 10 years.

Stephens pointed out that the growth projections were developed as part of an N.C.EMC study which had been recommended for approval by REA.



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CC-4/78

This is the third in a series of articles prepared especially for Carolina Country by specialists with the North Carolina Agricultural Extension Service.

By Rupert Watkins

More than half of North Carolina's huge flue-cured tobacco crop is now cured in bulk barns. This milestone was reached in 1977 and the trend toward bulk barns is expected to continue.

The main reason farmers have switched to bulk barns is to save labor. But, bulk barns also offer a tremendous potential for saving energy. Their compact size and elaborate control system permit farmers to cure tobacco in bulk barns with as little as 50 percent of the fuel used in some old stick barns. This is not to say, however, that all bulk barns are operated this efficiently, but at least it's a possibility.

Many of the older bulk barns are badly in need of caulking or "chinking" and many barns, both old and new, are operated without humidity controllers or humidity indicators. The result is excessive ventilation which wastes heat.

Here are some practices which will help farmers realize the energy saving potential of their bulk barns:

1. Stop Hot Air Leaks. Check for structural cracks in the building corners, for damaged door gaskets, and for leaks between the barn and foundation. A crack 1/4-inch wide and 15 feet long along the base

of the barn may lose as much as 10 percent of the air and heat.

2. Ventilate according to a "wet bulb" or other humidity indicator. Without this humidity sensing, vents are usually opened too wide during leaf and stem drying.

3. Load racks or boxes uniformly to assure even drying, better quality and quicker kill-out.

ENERGY CONSERVATION IN AGRICULTURE



BULK TOBACCO CURING

4. Place an air seal around each rack or box. A 1/2-inch crack between boxes allows about 50 percent of the air to bypass the tobacco, reducing quality and extending the cure.

5. Harvest only ripe tobacco to allow a shorter curing time.

6. Tune up the fuel burner for top fuel efficiency.

7. Add insulation. Well-insulated walls, roof, ductwork and floor may save as much as 75 gallons of fuel per cure.

In tests conducted by the Agricultural Extension Service on 10 farms in 1977, the farm operators paid particular attention to the first five of these

practices. They averaged using 20 percent less fuel than they had used in 1976. The table below shows the range of fuel savings accomplished by these test farm operators. Even greater savings are possible by the addition of insulation, as stated in Step No. 7 above.

About 60 million gallons of fuel could have been saved if all of North Carolina's 1977 crop of

717 million pounds of flue-cured tobacco had been cured as efficiently as that on the 10 test farms. North Carolina farmers average using nearly 400 gallons of fuel per acre to cure tobacco. The average on these test farms was about 238 gallons. This on-farm test program for energy efficient tobacco curing was supported by the Federal Energy Administration. The Extension Service plans to expand the test in 1978.

Rupert Watkins is an agricultural engineering specialist with the North Carolina Agricultural Extension Service.

CURING FUEL USED IN 10 ON-FARM TESTS IN 1977

County	Barn Type	Fuel Used (Gallons) per 2000 lbs. of tobacco)		Percentage Energy Savings
		1976	1977	
Wayne	gas	236	185	22
	oil	225	167	26
Pitt	gas	279	223	20
	oil	389	313	20
Wilson	gas	214	206	4
	oil	310	207	33
Johnston	gas	270	190	30
	oil	335	270	19
Nash	gas	331	349	- 5
	oil	263	171	35

Average fuel savings = 20%

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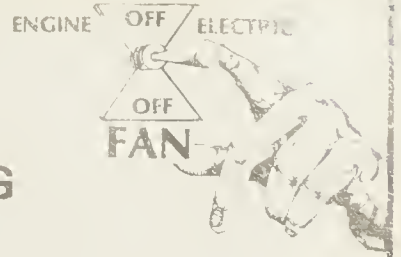
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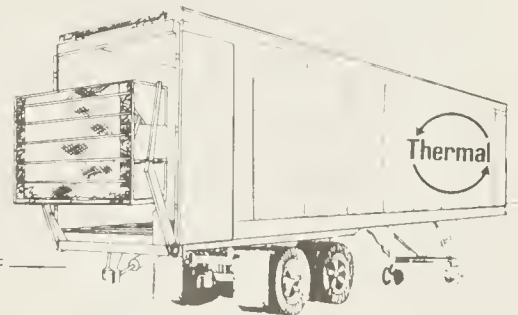
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A load management program at Lumbee River Electric Membership Corporation, Red Springs, has saved the cooperative about \$300,000 in wholesale power costs during its first year of operation, according to Derl Hinson, the EMC's general manager.

"The program worked far better than we had expected," Hinson said.

IN FIRST
YEAR

LOAD MANAGEMENT PROGRAM SAVES Co-op \$300,000

The EMC reduced its summer peak for 1977 by about 10 percent, using a radio control system that shut off water heaters, heat pumps and central air conditioners for brief periods when demand for power was heaviest, he added.

The system went into operation during 17 days last summer and was used again on January 4 of this year when cold weather sent demand for electricity soaring.

The savings from the system stem from its effect on the co-op's annual peak demand, which

occured on July 20 when temperatures reached 105 degrees.

The co-op recorded a peak demand that day of 49,426 kilowatts. If the radio control switches hadn't turned off 3,000 electric water heaters and 1,000 central air conditioners and heat pumps, the peak would have been 54,507 kilowatts, Hinson said.

He explained that this 5,081 kilowatt drop in demand for electricity saved more than \$24,000 on July's wholesale power bill from Carolina Power and Light Company, the EMC's major wholesale supplier of electricity. Co-op officials had estimated that such a savings would require controls on 8,000 appliances.

More importantly, the reduction in the July peak resulted in a \$300,000 savings in power costs for the year due to a special provision of the cooperative's

wholesale power contract with CP&L, which "stipulates that the co-op must pay for up to 95 percent of the summer's peak demand throughout the year, whether or not it is actually needed," Hinson said.

The EMC now plans to have 6,000 water heaters and 2,000 central air conditioners and heat pumps linked to the control system for the summer of 1978.

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commentary

JUST LIKE A FROG

The frog reacts quickly to danger. Expose him to hot water and he will leap to safety. But if placed in a pan of cold water which is being heated slowly, the frog cannot detect the gradual change in temperature. He will sit there blissfully unaware of his situation until he perishes.

We are acting the same way in regards to our energy situation. As long as we can buy gasoline and as long as the lights come on when we flick the switch, it is nearly impossible to convince anyone of the need to build more generating plants and develop new power sources.

The public sits like the frog in the kettle while extremists try to halt the construction of new projects, while Congress quibbles about a national energy program, while state governments pass more laws that make the building of new generation plants nearly impossible.

It takes 8-10 years to build a generating plant under present government requirements. And our reserves nationally are at an all-time low. It may be that the public will react when faced with brown-outs and black-outs. The frog-in-the-kettle complex is getting us into hot water.

—Rural Electric Missourian

Mailbox



Your February issue of *Carolina Country* really was great! We especially enjoyed the article on the bluebirds. Our place on High Rock Lake has seen quite a number of broods hatch out during the past summers. Ours is a wooded lot but my husband has several houses built to bluebird specifications. Several of the houses have been selected from time to time. As many as two broods have been hatched during the summer.

But, alas! Black snakes have twice eaten our birds. We have mounted screen guards lower on the house tree and have even suspended the houses two or three feet from hanging limbs. After a four-foot black racer swung down and ate the birds one time, my husband has lengthened the wire.

We have continued to attract "couples" summer after summer. We clean the houses each year in early spring and make ready. We have discovered that bluebirds love peanut butter. One of the most popular houses is mounted on a one and one-half inch by eight-foot galvanized pipe mounted in a tire with poured concrete. It is impregnable and safe. The bluebird is "no bird brain" for he recognizes it as a safe home.

**Mrs. Ozell K. Freeman
Salisbury**

If you are getting reader response to my bird article like I am, you're up to your elbows in mail. I'm getting long, detailed enthusiastic letters from places in North Carolina I never knew existed—so you have some great readers. I'm just spending my time answering them and not getting much else done.

**Ruth Moose
Rt. 2, Albemarle**

Mrs. Moose is a free-lance writer who has been an avid bird watcher of many years. She wrote the article "Birds: They're Worth Watching," which appeared in the February issue of Carolina Country.

Indeed enjoyed your feature on the Statesville Balloon Factory. In November I was in Shelby and a business friend from Ft. Smith, Ark., told me his next destination was the balloon factory, which surprised me.

**J. P. Young
Anderson, S. C.**

We formerly received *Carolina Country* as members of Randolph EMC and have missed the editorials, articles and recipes since moving to Smithfield, where we do not have the pleasure of being served by an EMC. Please enter my subscription for two years.

**Donald M. Morgan
Smithfield**

I found your ad on the inside cover of *Carolina Country* January, 1978 to be absolutely disgusting. I feel anyone who would support nuclear energy is interested only in destroying this country. Your continuing propaganda and your one-sided presentations of the nuclear power issue and your general attempt to indoctrinate the masses cannot lead to the open and honest exchange that must exist on this issue.

It is quite obvious that you wholeheartedly support nuclear energy as an additional source of power. Let me ask you this then: if nuclear energy is as safe as you pretend it to be why then is there a need for the Price-Anderson Act? Even assuming for a moment that all plants are well designed and carefully operated, there is always the potential for human and mechanical error as well as acts of God.

I don't think there is any need for me to point out serious problems that have arisen in the past, such as various radioactive discharges in our water, soil and air which have necessitated the closing and suspension of construction of nuclear facilities in our country. Why is it that the nuclear power industry refuses to accept the principles of legalism that our North Carolina courts have accepted in the case of *Rylands V. Fletcher L.R. 3HL330 (1868)*?

Quite frankly, I think it is a disgrace to see this continued barrage of one-sided articles which attempt to scare the public rather than inform them. Example: your little Thanksgiving Day story of the future family without an adequate dinner brought about by the 'misguided' individuals who wish to stop nuclear energy. A more appropriate article would have been a Thanksgiving without a turkey or a suitable meat due to the permanent contamination of our environment due to nuclear proliferation through plutonium.

I feel that as a membership corporation producing a membership magazine you have no right to express such a powerful viewpoint on something so controversial. No matter what the issue, you should not use a membership magazine as a propaganda forum. I do not recall my ever receiving a questionnaire or being asked my position on nuclear power, so therefore I resent being represented as you see fit.

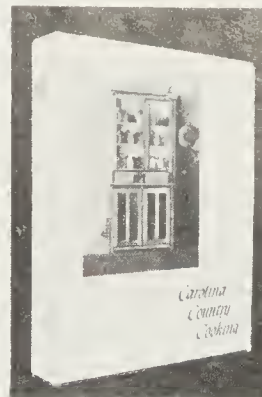
**Stephen and Nancy Turo
Route 1, Todd**

For a response and editorial comment, see editorial titled "A Right And A Responsibility," on page 3.

I sure do enjoy my magazine. I read it from cover to cover. You are doing a wonderful job up there. I wish you all the luck in the world. Wish I was back home. Don't let my subscription run out. (Note attached to subscription renewal.)

**Bonnie Duvall
Altoona, Fla.**

Carolina Country Cooking



Tar Heel Cooks Applaud New Recipe Collection

Carolina Country Cooking came off the presses only a few months ago to strike a responsive chord with good cooks across North Carolina. Many who ordered copies as Christmas gifts turned right around and wrote us for copies of their own! One lady ordered a second copy after a friend insisted on buying her first! Another called it "a beautiful piece of work."

But, it was the comment of one man who received the book as a gift that might have summed up the most common reaction to *Carolina Country Cooking*: "It just set my mouth to watering!"

The 150-page cookbook, with 10 thumb-indexed sections, includes recipes submitted by readers of *Carolina Country*. It's bound in a sturdy, plastic notebook binder featuring a full color cover reproduction of "Ella's Cupboard," an original painting by Lexington artist Bob Timberlake.

Order Yours Today!

Please send me _____ copies of *Carolina Country Cooking* at \$5.95 each (handling and tax included). Enclosed is my check or money order for \$ _____. Make all checks or money order payable to *Carolina Country Cooking* and send, with this order form, to CAROLINA COUNTRY COOKING, P.O. BOX 27306, Raleigh, N.C. 27611.

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Weigela-Red, Yell, Varg, or Pk, 1-2 ft.	49 ea
Althea-Red, Pur, Pk, or Wh, 1-2 ft.	49 ea
Forsythia-Yellow, 1 to 2 ft.	49 ea
Pink Spirea, 1 to 2 ft.	49 ea
Spirea Van Houttei-White, 1 to 2 ft.	69 ea
Spirea Bridal Wreath, White, 1 to 2 ft.	95 ea
Spirea Anthony Waterer-Red, 1/2 to 1 ft.	65 ea
Pink Flowering Almond, 1 to 2 ft.	89 ea
Quince Red Flowering, 1 to 2 ft.	95 ea
Hydrangea P. G. Pinkish-White, 1-2 ft.	49 ea
*Hydrangea Arborescens (Hills of Snow), 1-2 ft.	69 ea
Hydrangea-Blue, 1 to 2 ft.	95 ea
Tamoris Pink, 1 to 2 ft.	65 ea
Vitex-Purple, 1/2 to 1 ft.	49 ea
Mockorange-White, 1 to 2 ft.	49 ea
Rose of Sharon-Mixed Colors, 1-2 ft.	45 ea
Persian Lilac Purple, 1 to 2 ft.	95 ea
Old Fashion Lilac-1 to 2 ft.	95 ea
French Lilac-Red, White, or Purple, 1-2 ft.	98 ea
Deutzia Pink or White, 1 to 2 ft.	49 ea
Bush Honeysuckle-Red, Pk, or Wh, 1-2 ft.	49 ea
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Fussy Willow, 1-2 ft.	75 ea
4.6 ft.	1 49 ea
Russian Olive, 1-2 ft.	95 ea
2.3 ft.	1 49 ea
Red Barberry, 1 to 2 ft.	98 ea
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Jap. Snowball, 1 to 2 ft.	75 ea
Snowberry-Red or White, 1 to 2 ft.	69 ea
Scotch Broom, 1 to 2 ft.	49 ea
*Hypericum-Yellow, 1 to 2 ft.	49 ea
Spice Bush-Yellow, 1 to 2 ft.	49 ea
Butterfly Bush-Purple or Pink 1-2 ft.	98 ea
Azalea-Wh, Pur, Red or Pk 1-1 ft.	69 ea
*Chokeberry-Red or Black 1-2 ft.	39 ea
Winter Honeysuckle, 1 to 2 ft.	49 ea
Witch Hazel, 1 to 2 ft.	89 ea
American Elder, 1 to 2 ft.	49 ea
False Indigo Purple 1 to 2 ft.	69 ea
Burning Bush 1/2 to 1 ft.	69 ea

Willow Oak or Scarlet Oak 3-5 ft.	2 98 ea
Lombardy Poplar, 4-6 ft.	29 ea
4.6 ft.	75 ea
Foosien Red Leaf Maple, 3-5 ft.	7 95 ea
Sycamore, 3-4 ft.	95 ea
4.6 ft.	1 95 ea
*Sugar Maple, 2-3 ft.	69 ea
4.6 ft.	98 ea
Sweet Gum, 3-4 ft.	1 49 ea
4.6 ft.	3 49 ea
White Birch, 3-4 ft.	98 ea
4.6 ft.	2 98 ea
*Tulip Tree, 3-4 ft.	1 69 ea
Crimson King Maple (Pat no 735), 3-4 ft.	6 98 ea
Sunburst Locust (Pat No 1313), 4-6 ft.	6 95 ea
White Ash, 3-4 ft.	1 49 ea
Green Ash, 3-4 ft.	1 98 ea
Persimmon, 1-2 ft.	95 ft
Downs Redwood, 1-2 ft.	2 49 ea
Honey Locust, 3-4 ft.	1 98 ea
Kentucky Coffee Tree, 1/2-1 ft.	95 ea
*American Linden Tree, 3-4 ft.	1 98 ea
*Sissofras, 2-3 ft.	95 ea
*Scarlet Maple, 4-6 ft.	2 89 ea
Russian Mulberry, 2-3 ft.	98 ea
Sycamore Maple, Purple Leaves, 1/2-1 ft.	98 ea
*Black Gum, 2-3 ft.	79 ea
Japanese Red Leaf Maple, 1 ft.	2 49 ea
Norway Maple, 1-2 ft.	98 ea
Golden Weeping Willow, 2-3 ft.	89 ea
4.6 ft.	1 98 ea
Amur Corktree, 1-2 ft.	59 ea

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Mirandy	Lowell	Thomas Shawgirl
Crimson	Golden Charm	The Oyster

FRUIT TREES 1 or 2 Years Old

PEACH TREES

Elberta Peach, 2 1/2-4 ft.	\$1 98 ea, 4-6 ft.	\$3 49 ea
Belle of Ga. Peach, 2 1/2-4 ft.	1 98 ea, 4-6 ft.	3 49 ea
Oxide Red Peach, 2 1/2-4 ft.	1 98 ea, 4-6 ft.	3 49 ea
J. H. Hale Peach, 2 1/2-4 ft.	1 98 ea, 4-6 ft.	3 49 ea
Hale Haven Peach, 2 1/2-4 ft.	1 98 ea, 4-6 ft.	3 49 ea
Gold Jubilee Peach, 2 1/2-4 ft.	1 98 ea, 4-6 ft.	3 49 ea
Blake Peach, 2 1/2-4 ft.	1 98 ea, 4-6 ft.	3 49 ea

APPLE TREES

Stayman Winesap Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Red Delicious Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Red Rome Beauty Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Red Jonathan Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Emory Harvest Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Yellow Delicious Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Lodi Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Grimes Golden Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Yellow Trans Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
Early McIntosh Apple, 2-3 ft.	1 98 ea, 4-6 ft.	3 49 ea
S.N.I. Apple 2-3 ft.	1 98 ea, 4-6 ft.	6 89 ea

CHERRY TREES

Montmorency Cherry, 2-3 ft.	2 89 ea, 4-5 ft.	4 89 ea
Black Tartarian Cherry, 2-3 ft.	2 89 ea, 4-5 ft.	4 89 ea
Early Richmond Cherry, 2-3 ft.	2 89 ea, 4-5 ft.	4 89 ea

PEAR TREES

Kieffer Pear, 2-3 ft.	2 79 ea, 3-5 ft.	3 79 ea
Orient Pear, 2-3 ft.	2 79 ea, 3-5 ft.	3 79 ea
Bartlett Pear, 2-3 ft.	2 79 ea, 3-5 ft.	3 79 ea

APRICOT or NECTARINE

Moarpark Apricot, 2-3 ft.	1 98 ea, 4-6 ft.	2 98 ea
Early Golden Apricot, 2-3 ft.	1 98 ea, 4-6 ft.	2 98 ea
Nectarine, 2 1/2-4 ft.	1 98 ea	

PLUM TREES

Damson Plum, 2 1/2-4 ft.	1 98 ea	
Red June Plum, 2 1/2-4 ft.	1 98 ea	
Bruce Plum, 2 1/2-4 ft.	1 98 ea	
Methley Plum, 2 1/2-4 ft.	1 98 ea	
Burbank Plum, 2 1/2-4 ft.	1 98 ea	

DWARF FRUIT TREES 1 or 2 Year Old

Dwf. Elberta Peach, 2-3 ft.	\$2 98 ea, 4-5 ft.	\$4 95 ea
Dwf. Red Haven Peach, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Belle of Ga. Peach, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Gold Jubilee Peach, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Red Oel Apple, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Yellow Oel Apple, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Winesap Apple, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. E. McIntosh Apple, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Jonathan Apple, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Lodi Apple, 2-3 ft.	2 98 ea, 4-5 ft.	4 95 ea
Dwf. Montmorency Cherry, 2-3 ft.	3 49 ea	
Dwf. North Star Cherry, 2-3 ft.	3 49 ea	
Dwf. Bartlett Pear, 2-3 ft.	3 49 ea	
Dwf. Kieffer Pear, 2-3 ft.	3 49 ea	
Dwf. Burbank Plum, 2-3 ft.	3 49 ea	

VINES —

1 or 2 Years Old

Red Scarlet Honeysuckle, 1 ft.	
Wintersweet, 1-1 ft.	
Bittersweet, 1-1 ft.	
*Clematis Vine-White, 1-1 ft.	
Grapes-Little, Niagara, Concord, Fredonia, Delaware, or Catawba, 1-1 ft.	\$ 90 ea
Kudzu Vine, 1-1 ft.	39 ea
Gold Flame Honeysuckle, 1 ft.	39 ea
*Trumpet Creeper, 1-1 ft.	39 ea
Yellow Jasmine, 1-1 ft.	90 ea
*Vinca Minor Clumps	12 ea
Halls Honeysuckle, 1 ft.	39 ea
English Ivy or Boston Ivy, 4-8 inch.	39 ea
Eunymus Coloratus, 1-1 ft.	39 ea
Ajuga Bronze-Ground Cover, 1 yr.	24 ea
Virginia Creeper, 1-1 ft.	39 ea

NUT TREES

1 or 2 Years Old

Hazelnut, 1-2 ft.	\$ 98 ea, 3-5 ft.	\$2 98 ea
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Butternut, 1-2 ft.	1 49 ea, 3-4 ft.	2 98 ea
Chinese Chestnut, 1-2 ft.	98 ea, 3-5 ft.	1 98 ea
Black Walnut, 1-2 ft.	49 ea, 3-5 ft.	1 49 ea
Hardy Pecan Seedlings, 1-2 ft.	98 ea	
Suavi Pecan Seedlings, 2-3 ft.	495 ea	
Mahon Pecan Seedlings, 2-3 ft.	495 ea	
English Walnut, 2-3 ft.	589 ea	
Shell Bark Hickory 1-2 ft.	1 45 ea	
*American Beech, 3-4 ft.	98 ea	
Japanese Walnut, 3-4 ft.	1 98 ea	

EVERGREENS — 1 or 2 Years Old

Glossy Abelia, 1-1 ft.	\$ 49 ea
*American Holly, 1-1 ft.	39 ea
*Rhododendron, 1-1 ft.	65 ea
Pfitzer Juniper, 1-1 ft.	79 ea
Cherry Laurel, 1-1 ft.	49 ea
Boxwood, 1-1 ft.	59 ea
Irish or Savin Juniper, 1-1 ft.	97 ea
Pyraeantho Red or Yellow Berry, 1-1 ft.	69 ea
Burfordi Holly, 1-1 ft.	58 ea
Dwf. Burfordi Holly, 1-1 ft.	89 ea
Wax Leaf Ligustrum, 1-1 ft.	48 ea
Colorado Blue Spruce, 1-1 ft.	48 ea
*Mountain Laurel, 1-1 ft.	39 ea
*Canadian Hemlock, 1-1 ft.	39 ea
*Short Leaf Pine, 1 ft.	49 ea
Slosh Pine, 1-1 ft.	39 ea
*Red Cedar, 1-1 ft.	29 ea
Heihei Holly, 1-1 ft.	59 ea
Japanese Holly, 1-1 ft.	79 ea
Foster Holly, 1-1 ft.	69 ea
Chinese Holly, 1-1 ft.	69 ea
Andorra Juniper, Spreading, 1-1 ft.	98 ea
Cedrus Ocedaro, 1-1 ft.	77 ea
Jap. Yew, 1-1 ft.	97 ea
Baker Arborvitae, 1-1 ft.	98 ea
Berkman's Arborvitae, 1-1 ft.	77 ea
Globe Arborvitae, 1-1 ft.	77 ea
Greek Juniper, 1-1 ft.	69 ea
Gordonia White, 1-1 ft.	79 ea
Camellia-Red, 1-1 ft.	49 ea
Norway Spruce, 1-1 ft.	59 ea
Eunymus Rodian, 1-1 ft.	59 ea
Eunymus Manhattan, 1-1 ft.	49 ea
*White Pine, 1 ft.	47 ea
Austrian Pine, 1-1 ft.	49 ea
Mugha Pine, 3-5 inch.	49 ea
Scotch Pine, 3-5 inch.	59 ea
Western Yellow Pine, 3-5 inch.	49 ea
White Spruce, 1-1 ft.	49 ea
Serbian Spruce, 1-1 ft.	49 ea
Douglas Fir, 1-1 ft.	79 ea
Clevara Japonica, 1-1 ft.	69 ea
Heihei Juniper, 1-1 ft.	59 ea
Sargent Juniper, 1-1 ft.	89 ea
Shore Juniper, 1-1 ft.	89 ea
Gray Carpet-Ground Cover, 3-5 inch.	1 29 ea
Blue Rug-Ground Cover, 3-5 inch.	1 29 ea

BERRIES, FRUITS & HEDGE 1 or 2 Years Old

Black Raspberry, 1-1 ft.	\$ 59 ea
Red Everbearing Raspberry, 1-1 ft.	59 ea
Dewberry, 1-1 ft.	69 ea
Figs, 1-2 ft.	1 98 ea
Boysenberry, 1-1 ft.	79 ea
Blackberry, 1-1 ft.	39 ea
Gooseberry, 2 yr., 1-1 ft.	98 ea
10 Rhubarb, 1 yr. roots	1 98
10 Asparagus, 1 yr. roots	1 29
25 Strawberry-Tenn. Beauty or Blokemore	2 49
25 Gem Everbearing Strawberry	2 49

Red Scarlet Honeysuckle, 1 ft.	\$ 79 ea
Wintersweet, 1-1 ft.	79 ea
Bittersweet, 1 ft.	49 ea
Clematis	49 ea

BULBS AND PERENNIALS 1 or 2 year old

3 Pampas Grass	1 49
10 Hibiscus, Mallow Marvel	1 99
10 Hollyhocks	2 29
12 Blue Iris	1 98
10 Day Lilies, roots, Orange Flowers	2 29
6 Fancy Leaf Caladiums, Red or White	2 29

2 Peonies-Red, Pink or White	2 98
10 Cannas-Red, Pink or Yellow	2 98
50 Gladiolus Mixed Colors	3 98
10 Candytuft Iberis Semp White	2 59
10 Baby Breath White	2 49
10 Shasta Daisy, Alaska	2 29
10 Lupines Dragon Blood	2 98
10 Fall Asters, Red, Pink White or Lav	2 69
6 Yucca Cordle of Heaven	1 69

NATIVE WILD FLOWERS 1 or 2 years old

5* Lady Slipper, Collected	1 45
6* Dutchman Breeches Collected	1 45
4* Jack-in-the-Pulpit, Collected	1 35
10* Hardy Garden Violets, Blue Collected	1 45
3* Partridge Berry, Collected	1 45
3* Passion Flower, Collected	1 35
6* Bird Foot Violets, Collected	1 35
6* Trilliums, White turns Pink Collected	1 45
6* Blue Bells, Collected	1 45
6* Cardinal Flower, Red Collected	1 45
8* Hayscented Fern Collected	1 45
10* Christmas Fern, Collected	1 45
4* Cinnamon Fern Collected	1 45
3* Royal Fern, Collected	1 45

FLOWERING SHRUBS 6-10 Inch

10 Witch Hazel, 6-10 inch	3 95
10 Weigela Red, 6-10 inch	1 98
10 Red Bush Honeysuckle, 6-10 inch	1 98
10 Pink Spirea, 6-10 inch	1 98
10 Sweet Shrub, 6-10 inch	1 49
10 Red Flowering Quince, 6-10 inch	1 98
10 Pussy Willow, 6-10 inch	1 49
10 Deutzia, 6-10 inch	1 98
10 Jap. Snowball, 6-10 inch	2 98
10 Hypericum, Yellow, 6-10 inch	1 49
10 Rose of Sharon, 6-10 inch	1 49
10 Red Osier Dogwood, 6-10 inch	1 49
10 Forsythia, Yellow, 6-10 inch	1 49
10 Weigela, Pink, 6-10 inch	1 49
10 Hydrangea P. G., 6-10 inch	1 98
10 Spirea Van Houttei, 6-10 inch	1 98
10 Hydrangea Arborescens, 6-10 inch	1 49
10 Althea, Red, 6-10 inch	1 49
10 Mockorange, 6-10 inch	1 49

NUT TREES 6-10 Inch

10 Hazel Nut, 6-10 inch	4 99
10 Hardy Pecan Seedling, 6-10 inch	4 99
10 Black Walnut, 6-10 inch	2 99
10 Chinese Chestnuts, 6-10 inch	4 99

FLOWERING TREES 6-10 Inch

10 Tulip Tree, 6-10 inch	1 15
10 European Mt. Ash, 6-10 inch	4 99
10 White Flow Dogwood, 6-10 inch	1 55
10 American Red Bud, 6-10 inch	1 35
10 Mimosa Pink, 6-10 inch	1 15
10 Black Locust, 6-10 inch	1 35
10 Golden Rain Tree, 6-10 inch	4 99

SHADE TREES 6-10 Inch

10 Black Gum, 6-10 inch	1 99
10 White Birch, 6-10 inch	1 99
10 American Elm, 6-10 inch	1 1
10 Sycamore, 6-10 inch	1 1
10 Lombardy Poplar, 6-10 inch	3 39
10 Pin Oak, 6-10 inch	1 39
10 Silver Maple, 6-10 inch	1 43
10 Chinese Elm, 6-10 inch	1 39
10 Green Weeping Willow, 6-10 inch	1 99
10 Red Scarlet Maple, 6-10 inch	1 99
10 White Ash, 6-10 inch	1 11
10 Sugar Maple, 6-10 inch	1 99
10 Sweet Gum, 6-10 inch	1 99
10 Saurwood, 6-10 inch	1 99
10 Honey Locust, 6-10 inch	1 99
10 American Hornbeam, 6-10 inch	1 99
10 Catalpa Fish Tail Tree, 6-10 inch	1 99
10 Northern Hackberry, 6-10 inch	1 99
10 Ginkgo, 6-10 inch	4 99
10 China Berry, 6-10 inch	1 99
10 Golden Weeping Willow, 6-10 inch	1 99

FLOWERING TREES 1 or 2 Years Old

Magnolia Grandiflora, 1-1 ft.	\$ 98 ea
Mimosa, 3-4 ft.	98 ea
4.6 ft.	1 98 ea
American Redbud, 2-3 ft.	65 ea
4.6 ft.	1 98 ea
White Fla Dogwood, 2-3 ft.	65 ea
4.6 ft.	1 98 ea
Pink Fla Dogwood, 2 ft.	2 95 ea
3.5 ft.	4 95 ea
Golden Rain Tree, 1-2 ft.	98 ea
3.4 ft.	2 95 ea
Golden Chain Tree, 1 to 2 ft.	98 ea
Smoke Tree, 1 to 2 ft.	1 98 ea
Purple Leaf Plum, 2-3 ft.	1 95 ea
4.6 ft.	2 98 ea
Flowering Peach-Red, Pink	
White, 2 1/2-4 ft.	1 98 ea
DBI Pink Fla Cherry, 3-5 ft.	4 95 ea
Flowering Crab Red or Pink	
2-3 ft.	1 95 ea
4.6 ft.	1 98 ea
*Tree of Heaven 3-5 ft.	1 98 ea
Dwarf Red Buckeye, 1-1 ft.	89 ea
Magnolia Soulangiana, 1-2 ft.	1 98 ea
*White Fringe, 2-3 ft.	1 95 ea
Japanese Fla Cherry, 3-5 ft.	4 95 ea
European Mt. Ash, 3-4 ft.	2 98 ea
*Big Leaf Cucumber, 3-4 ft.	2 98 ea
Pow Pow 3-5 ft.	1 98 ea
*Saurwood 2-3 ft.	98 ea
Yellow Buckeye, 1-2 ft.	98 ea
Downy Hawthorn, 1-1 ft.	1 98 ea
Dwarf White Buckeye, 1-1 ft.	98 ea
Red Fla Dogwood, 2 ft.	2 95 ea
3-4 ft.	4 95 ea
S.N.I. Fla Crab 3-4 ft.	7 98 ea
Red Leaf Peach 2-3 ft.	1 98 ea

SHADE & ORNAMENTAL TREES 1 or 2 Years Old

Silver Maple,	
3-4 ft	\$ 95 ea
4-6 ft	1 95 ea
Chinese Elm,	
3-4 ft	95 ea
4-6 ft	1 49 ea
Green Weeping Willow,	
2-3 ft	89 ea
4-6 ft	1 98 ea
Catalpa Tree 2-3 ft	65 ea
Ginkgo Tree 3-5 ft	2 98 ea
Pin Oak or Red Oak	
2-3 ft	1 49 ea
3-5 ft	2 98 ea

Cheer!

A doctor's phone rang at 3:00 a.m. The woman at the other end asked, "What do you charge for a house call?" Sleepily, the doctor mumbled, "Ten dollars."

"And how much for an office visit?"

"Five," muttered the doctor.

"All right," the lady said briskly, "I'll meet you at your office in twenty minutes."

After a collision a policeman asked the motorist: "You saw this lady driving toward you. You didn't give her the road?" The motorist answered: "I was going to, as soon as I could discover which half she wanted."

A mother was preparing for dinner guests one evening, so she reminded her little girl to say her prayers before she went to bed.

Next morning the mother asked, "Did you say your prayers last night?"

"Well," the little one explained, "I got down on my knees and started to say them and all of a sudden I thought: I bet God gets awfully tired of hearing the same prayer over and over."

"So I crawled into bed and told Him the story of the three bears."

Grandmother send her daughter a playpen after the arrival of the fourth child.

"Thank you so much for the pen," the daughter wrote. "It is wonderful—I sit in it every afternoon and read. The children can't get near me."

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Chickens that Lay Easter Eggs
Brown Leghorns, Silver Laced Wyandottes, Black Australorps, Buff Orpingtons, Buff Minorcas, Black Minorcas . . . and 15 other production breeds and crosses. Also 17 Rare and Exotic breeds.

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PLANTS
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3 times
a year.

Each plant
yields 6 pints
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EASY TO GROW-
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I have enclosed my ☐ check ☐ money order ☐ cash
for \$_____ Please send me the following
number of Climbing Strawberries, postage paid

_____ 12 Plants - \$1.98 Postpaid

_____ 24 Plants - \$3.89 Postpaid

Sorry — No C.O.D.'s at these fantastically low prices!

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Address _____

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State _____

Zip _____

NOTICE GUARANTEE

We guarantee to have the best price of any company. If you can buy climbing strawberries of the same quality at a lower price, we will refund the difference. We guarantee all plants to grow and produce for 3 years. Any plant that proves to be unsatisfactory will be replaced free. Rush your order today.



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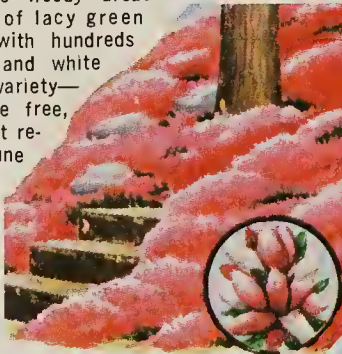
Low To Sell Every Plant
May 31 — Order By Mail!

For a landscape is complete without the beauty and lasting color that only ground covers provide. Only ground covers easily dress up pesky trouble areas under shady trees, steep slopes or banks, borders, edging along walkways and, any "eyesore" area where nothing will grow. Every ground cover offered in our "end of season" sale is hardy, requires no maintenance, helps stop erosion, conserve moisture in the soil, grows and spreads year after year without replanting. Order today! Replace weeds, crabgrass and nuisance areas with attractive flowering ground cover! Every selection is guaranteed.

All-In-One Carefree Ground
Cover Chokes Out Stubborn Weeds!

CROWN VETCH — 6 for \$1.99

Quickly transforms steep slopes, banks, troublesome weedy areas into a thick mat of lacy green foliage drenched with hundreds of delicate pink and white blooms. Coronilla variety — hardy, maintenance free, disease and drought resistant. Blooms June till frost. Spreads year after year without replanting. Prospers even in problem areas where nothing else has a chance!

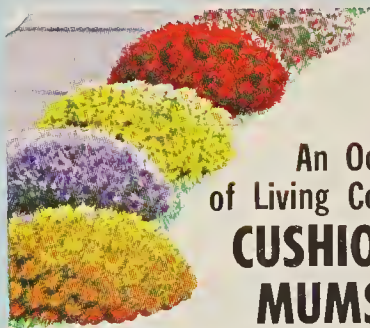


CREeping SEDUM

(Dragon's Blood)

4 for only \$1.00

Rugged and carefree, spreads rapidly in sun or shade. The lush, semi-evergreen foliage erupts in masses of fiery-red blooms, mid-summer to September. Hardy, Michigan nursery grown. Plant 6-12" apart for fast spreading in rock gardens, shady areas, or "trouble spots" where grass won't grow.



An Ocean
of Living Color!
**CUSHION
MUMS**

10 for only \$1.50

Giant balls of flaming color to set your landscape ablaze! These hardy Michigan nursery grown root division perennials come to you in an assortment of vivid, gorgeous colors . . . reds, yellows, pinks, purples, bronze, etc., as available. Normally develop to bushel basket size, each plant drenched with masses of 1-2 inch blooms! Guaranteed to bloom.



**CREeping MYRTLE
25 for \$1.98**

You've often admired the pretty blue periwinkle flowers that seem to float on a dense carpet of shiny evergreen foliage! Creeping Myrtle (Vinca minor), thrives even in dense shade where grass or flowers won't grow. Blooms each spring with masses of cheery blue blossoms. You get matured plant divisions, 25 plants cover 50 square feet.



Ground-Hugging Foliage, Mixed Colors!

**CREeping PHLOX
6 for \$1.50**

Michigan nursery grown perennial (Phlox subulata), covers the ground with a spreading rug of evergreen foliage. Flowers freely each spring with masses of gay, colorful blooms. Transforms drab areas or rock gardens into a rolling sea of color that enhances your entire landscape.

STRAWBERRIES—15 for \$1.98

Yes, strawberries are an exceptional ground cover, and SUNRISE variety produces a super yield of large juicy fruit as an extra bonus! The lustrous foliage quickly develops into a weed-smothering blanket that holds its rich green color all year round. Your summertime bonus is an abundant crop of firm, light red berries with the mouth-watering taste. It's all-in-one . . . an outstanding ground cover, plus a source of delicious home-grown fruit!



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	200	Cushion Mums (10 for \$1.50 - 20 for \$2.95)	
	213	Creeping Myrtle (25 for \$1.98 - 50 for \$3.85)	
	204	Creeping Phlox (6 for \$1.50 - 12 for \$2.95)	
	707	Strawberries (15 for \$1.98 - 30 for \$3.85)	
1	FREE	Giant Hibiscus if order mailed by May 31	0.00
6	FREE	Peacock Orchids if order totals \$4.00	0.00
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12	FREE	Oxalis (plus 6 Anemones and 6 Peacock Orchids) if order totals \$12.00	0.00

<input type="checkbox"/> Remittance enclosed, plus 90¢ towards postage and handling. Ship postpaid, including bonus of Tritoma root (Red Hot Poker).	TOTAL	\$
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